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Commercial Building Energy Alliances Supplier Summit

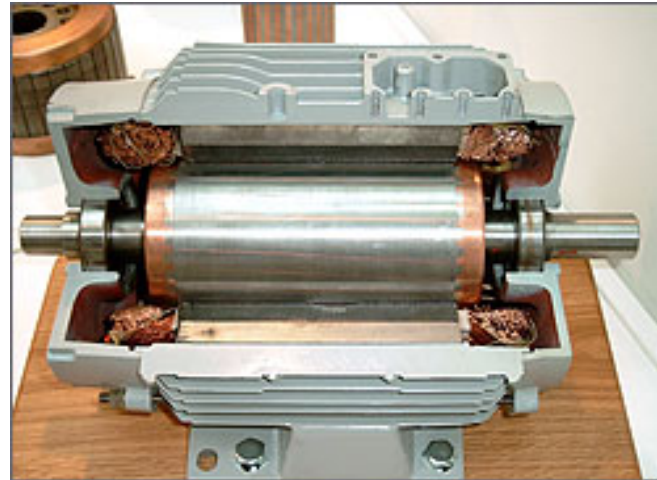
CBEA New Technology Identification and
Screening
January 29, 2009
Chicago, IL



Commercial Building
Energy Alliances

CBEA Members ...

- Are striving for significant energy efficiency improvements
- Require new technologies to help meet efficiency goals
- Seek help identifying new technologies that will help meet efficiency goals



CBEA Technology Screening and Identification Will

- Cast a wide net ... of interest to the partners
- Systematically screen technologies
- Present recommendations for potential action
- Sample outcomes:
 - Technology demonstrations
 - Technology procurements
 - Best Practices
 - Other



Mini LED 100 μm in diameter as seen through microscope

Summary: How It Works

1. Partners and vendors nominate technologies
2. DOE team applies screening criteria and presents results/recommendations to CBEA subcommittees
3. CBEA selects target technologies for further action

Technology Nominations

- Technologies nominated via the CBEA website:
<http://www1.eere.energy.gov/buildings/alliances.html>
Click on link **Emerging Technology Proposal Form**
- Information requested:
 - *Product/technology description*
 - *Scope of application*
 - *Energy savings to be achieved OR energy produced*
 - *Performance metrics*
 - *Product maturity*
 - *Technology cost*
 - *Name of contact*

http://apps1.eere.energy.gov/buildings/retailer/cfm/tech_strategy.cfm

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Retailer Energy Alliance: Emerging Technology Propos...



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Building Technologies Program

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Emerging Technology Proposal Form

The [Commercial Building Energy Alliances](#) (CBEA) are currently selecting promising emerging technologies that would significantly improve energy efficiency in commercial buildings. CBEA working groups will consider these technologies for possible large-scale testing, evaluation, formulation of procurement specifications, or other measures to accelerate their application in commercial buildings. In general, these technologies should be innovative products or systems that are not now widely used but could be within the next two or three years.

The quest for new technologies will be ongoing, so there is no formal deadline for submitting information. However, we will begin screening technologies in January 2009; therefore, if you wish your data to be included in the first round of screening, please submit it by the end of December 2008.

You are invited to propose technologies for evaluation. A form is provided below for this purpose. Asterisks (*) mark required fields. When you are finished with the form click the "Submit" button.

Overview

*Name of Product or Technology:

*Brief Description:

Max 1000 Characters.

*Manufacturer or Developer Name:



Screening Criteria

Four-step sequential screening process:

- Screen 1: Applicability – building types and ages
- Screen 2: Technology Status – current applications, feasibility/risk, and technology embodiment
- Screen 3: Cost and Benefits – energy savings, cost effectiveness, and non-energy impacts
- Screen 4: Program Fit and Suitability – potential Alliance impact

Project Schedule for 2009

- Initial Cycle
 - Finalize candidate technologies: February 13
 - Present recommendations to CBEA: April/May
- Second Cycle: All dates tentative *for technology nominations received after February 13*
 - Finalize candidate technologies: June
 - Present recommendations to CBEA: September
- Subsequent Cycles: TBD

How You Can Participate

Nominate **innovative** and/or **transformational** technologies.

- By February 13 for inclusion in first cycle
- After February 13 for inclusion in second cycle

Point of Contact

Questions to

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